

ABSTRACT OF THE DISCLOSURE

(1) Transgenic medaka fish into which a polynucleotide having the nucleotide sequence from 211 to 1935 position represented by Sequence ID No: 1 is introduced, (2) A method of producing medaka fish having one or more thrombi, comprising the step of raising the transgenic medaka fish described in (1) in the presence of estrogen, (3) Medaka fish having one or more thrombi produced by the method described in (2), and (4) A method of testing an estrogen-like acting substance, comprising the steps of raising the transgenic medaka fish described in (1) in test water, and observing whether or not one or more thrombi are formed in the medaka fish after the raising step.